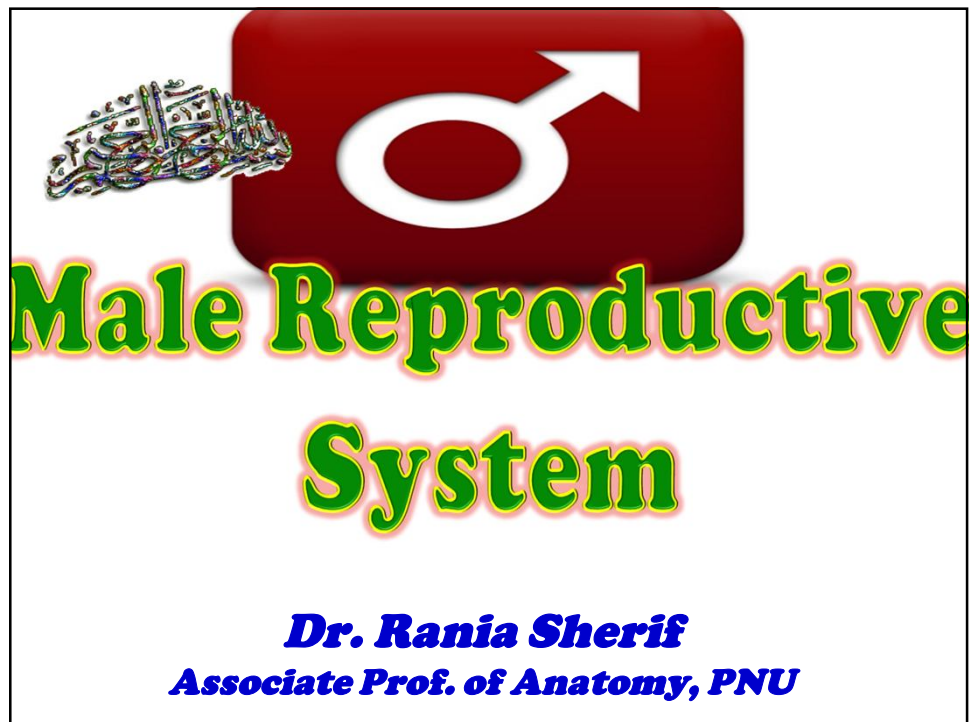
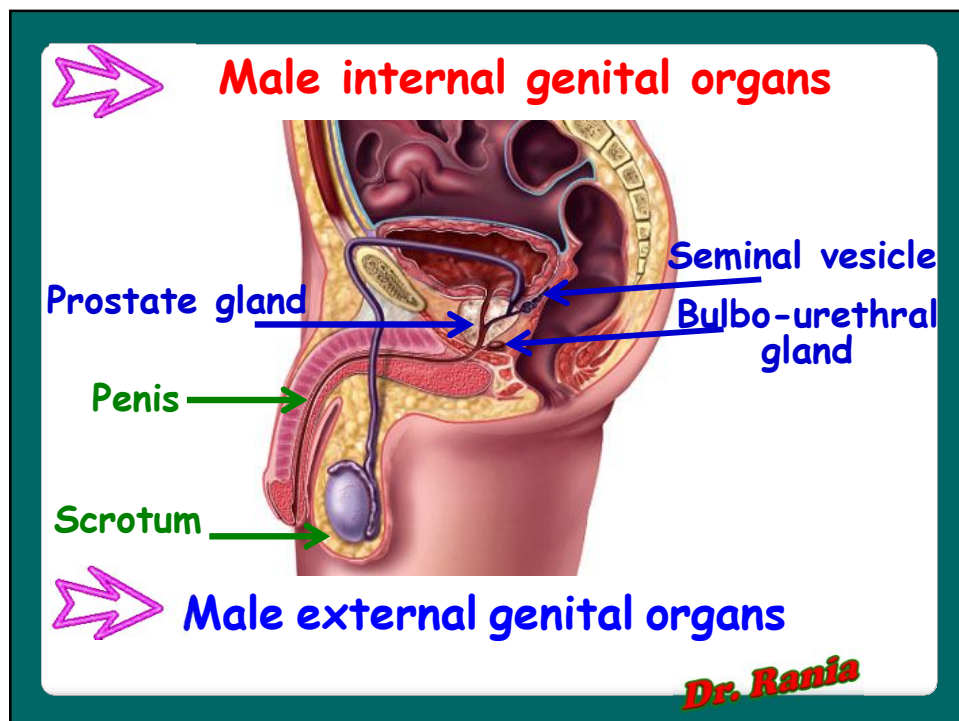
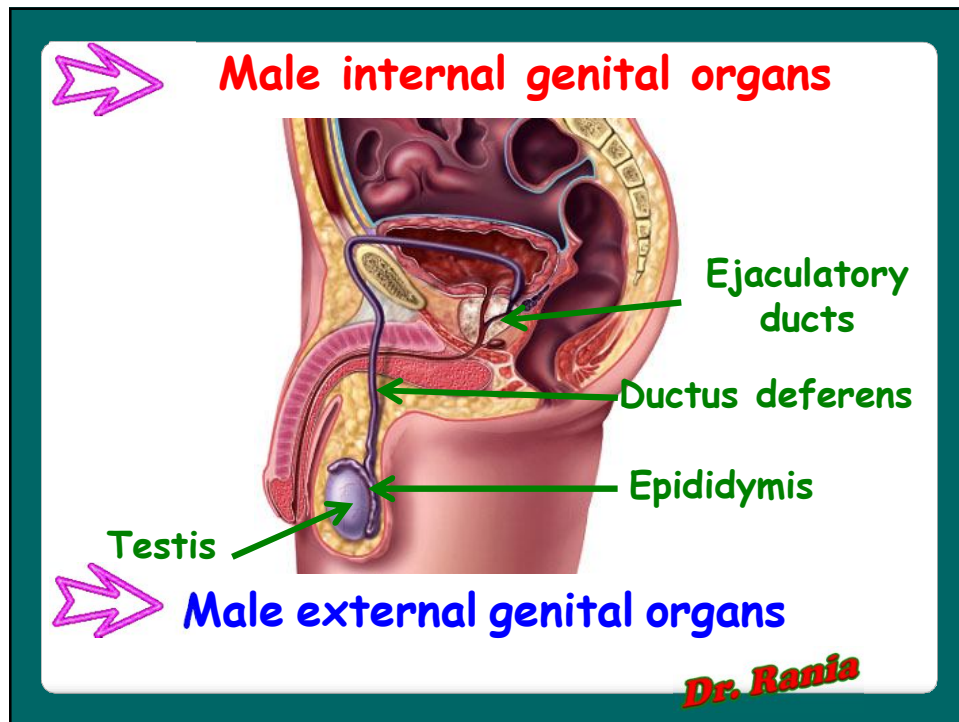




Learning objectives

- 1- List parts & arrangement of Male Repro. Syst.
- 2- Describe Gross Anatomy of MRS
- 3- Describe blood supply & lymphatic drainage of MRS
- 4- Correlate () gross anatomy and clinical cases

Dr. Rania



Testis

Def.: primary sex organ

Sperms & testosterone

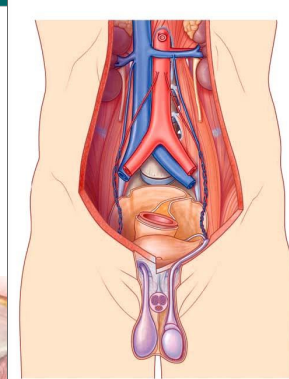
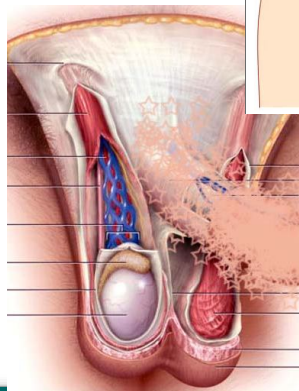
Site: scrotum

Shape: oval

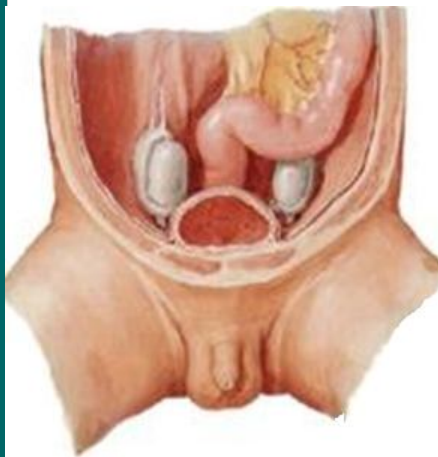
2ends: Upper, lower

2 borders: Ant., post.

2surfaces: Medial,
lateral



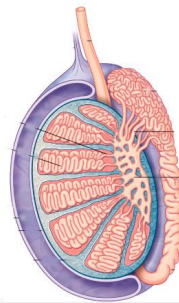
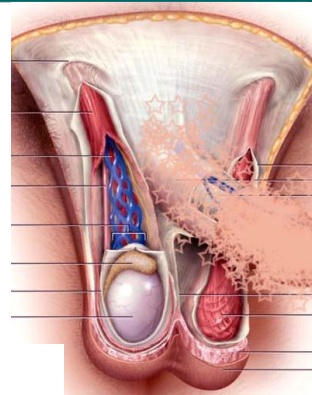
Rania



Dr. Rania

Covering of testis

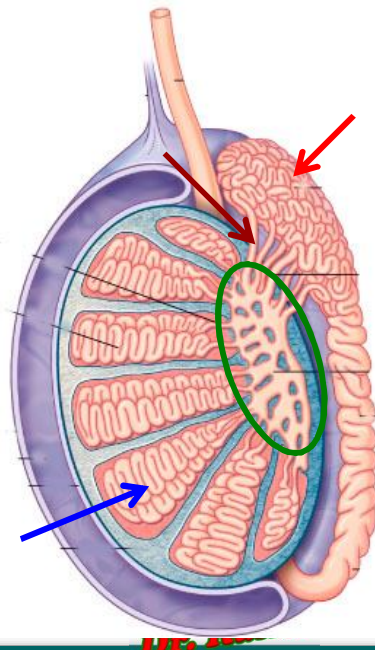
Tunica albuginea
 Tunica vaginalis (visceral)
 Tunica vaginalis (parietal)
 Internal spermatic fascia
 Cremasteric ms & fascia
 External spermatic fascia
 Deep membranous fascia
 Dartos ms
 Skin



Dr. Rania

Structure of testis

Divided into lobules
 Seminiferous tubule (400-600)
 Tubuli recti
 Rete testis in mediastinum testis
 Vasa efferentia (12-20)
 Epididymis (single duct)



Dr. Rania

Blood supply:

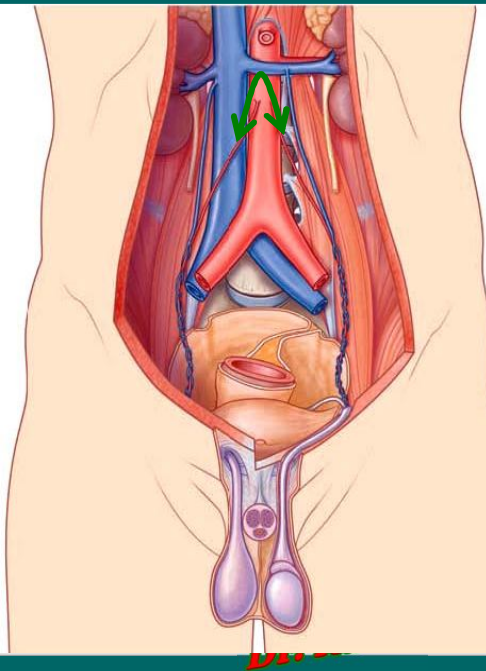
Testicular art. : aorta
L2

Pambiniform plexus
Testicular v

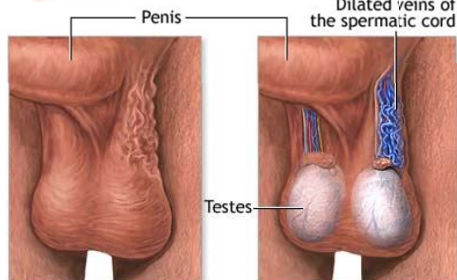
Lt It renal v

Rt IVC

Lymphatics lat. Aortic
(paraaortic) LN



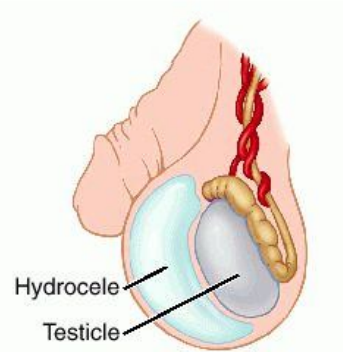
Varicocele Hydrocele



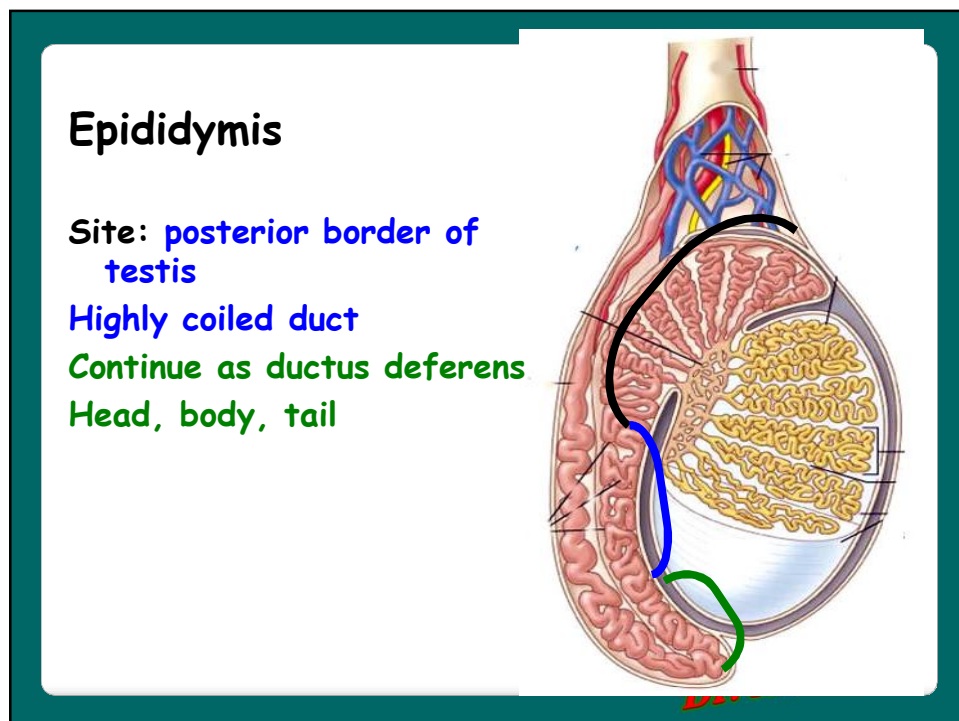
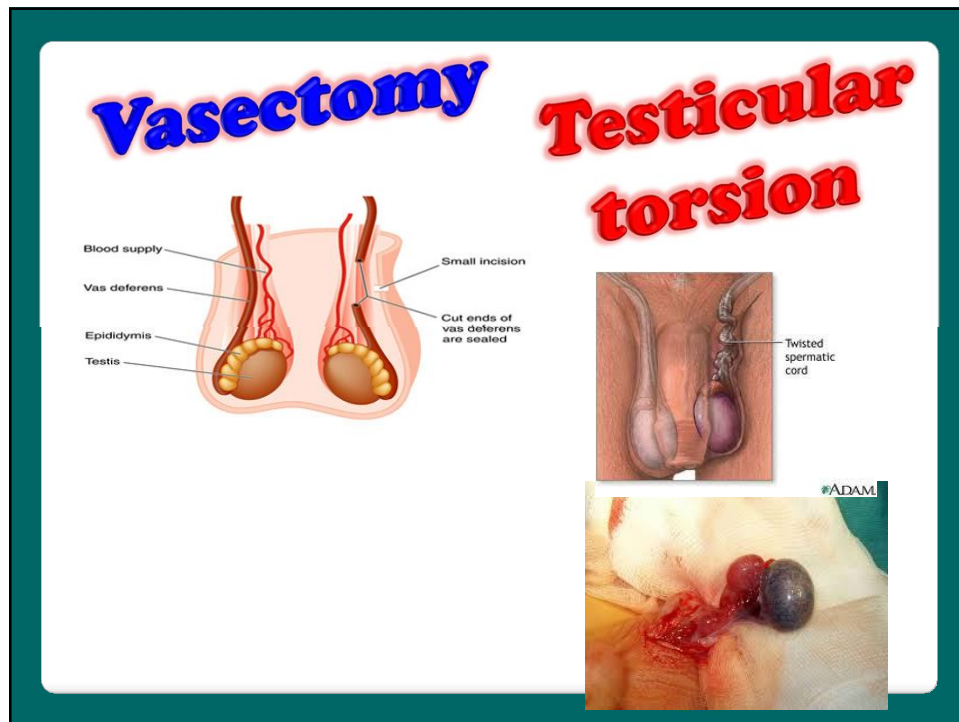
A varicocele can be felt and sometimes be seen as a tortuous mass on the surface of the scrotum

A varicocele is made up of veins that contain inadequate valves

ADAM.



Dr. Rania



Ductus (vas) deference

Beg.: tail of epididymis

Course:

Enter through inguinal canal

Medial to seminal vesicle

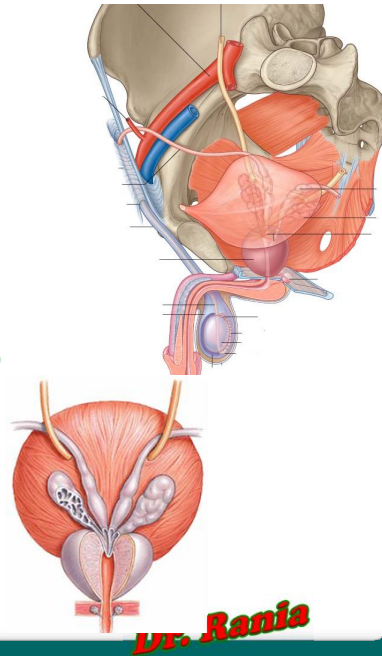
Form ampulla

Termination:

With duct of seminal vesicle to form ejaculatory duct

Arterial supply:

art. To vas from inferior vesical artery



Dr. Rania

Spermatic cord

Def.: connect testis to abdominal cavity

Site: scrotum, inguinal canal

Contents:

➤ Vas deferens

➤ Testicular art (aorta)

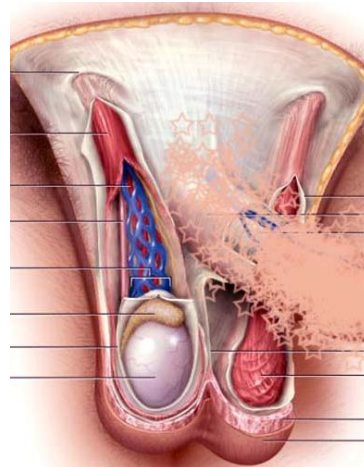
➤ Artery to vas

➤ Cremasteric art

➤ Pampiniform plexus of veins

➤ Genital branch of genito-femoral n

➤ Lymphatics



Dr. Rania

Prostate gland

Site: behind symphysis
in front of rectum

Shape: inverted cone

Base: continuous e
bladder neck

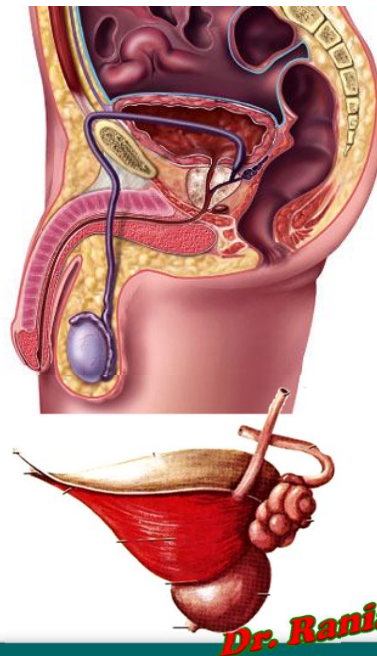
Apex: in contact e pelvic
floor

Lateral surface: in
contact e levator ani

Traversed by:

Prostatic Urethra

Ejaculatory ducts



Lobes:

Right, Left

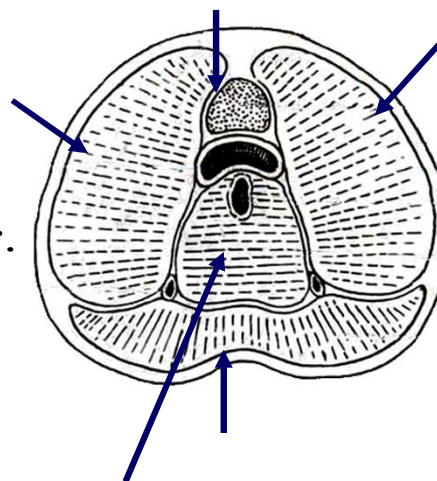
Anterior, Posterior

Median

Arterial supply: -(int.
iliac artery)

Inferior vesical art.

Middle rectal art



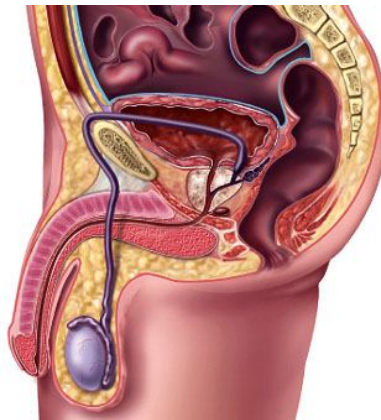
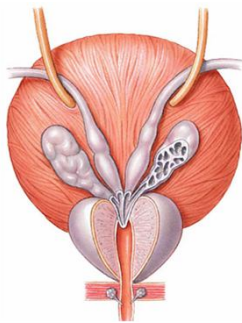
Seminal vesicle

Def.: coiled tube

Site:

() urinary bladder & rectum

Termination: ejaculatory duct



Dr. Rania

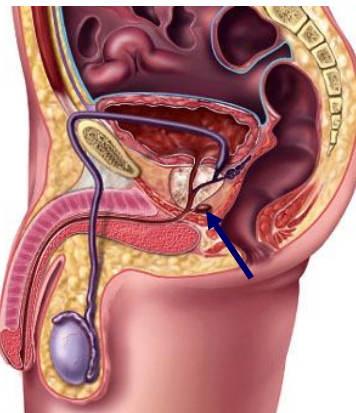
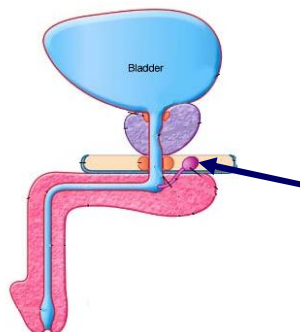
Bulbourethral (cowper"s) gland

Site: Deep perineal pouch

Term: penile urethra

Function:

Buffer & lubrication of the urethra



Dr. Rania

Penis

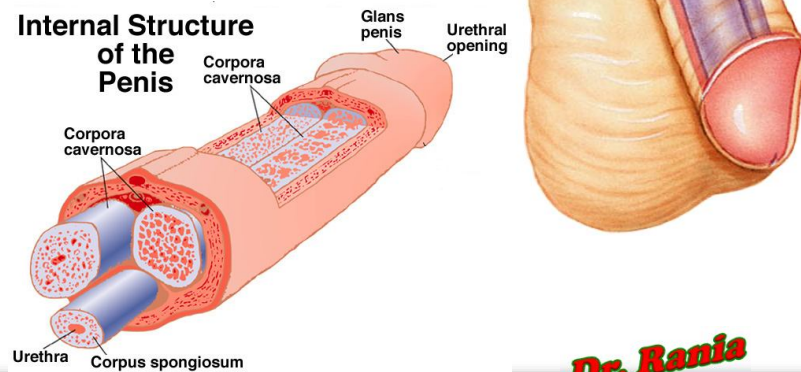
Structure:

Root & Body & glans penis

2 corpora cavernosa

1 corpus spongiosum (urethra)

Internal Structure of the Penis



Dr. Rania

